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MUCOSAL PREPARATION CONTAINING PHYSIOLOGICALLY ACTIVE PEPTIDE

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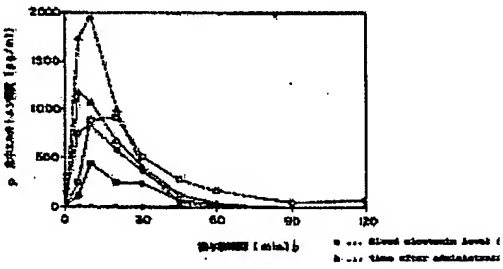
Abstract of **WO9706813**

A mucosal preparation obtained by blending a physiologically active peptide at least with a sorbefacient and a vasodilatory compound. Owing to the combined use of the sorbefacient with the vasodilatory compound, the absorption of any desired physiologically active peptide can be enhanced and thus it can be self-administered to a patient without giving any pain caused by parenteral injection. Therefore, it is highly useful as a



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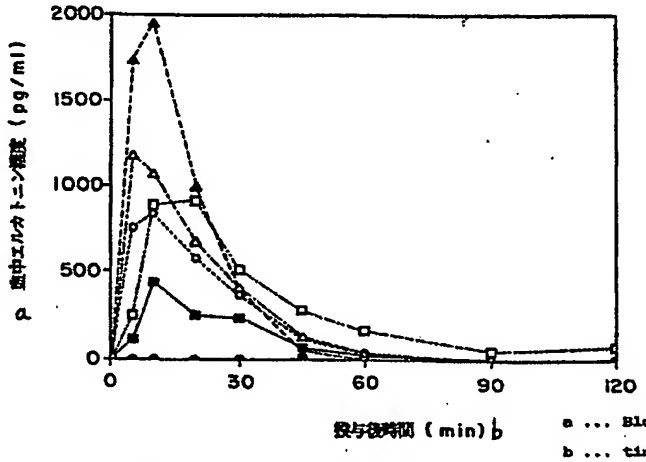

(57) Abstract

A mucosal preparation obtained by blending a physiologically active peptide at least with a sorbefacient and a vasodilatory compound. Owing to the combined use of the sorbefacient with the vasodilatory compound, the absorption of any desired physiologically active peptide can be enhanced and thus it can be self-administered to a patient without giving any pain caused by parenteral injection. Therefore, it is highly useful as a preparation of a physiologically active peptide for prolonged administration. As the physiologically active peptide, use can be made of insulin, calcitonin, human PTH, somatostatin, glucagon, etc. As the sorbefacient, use can be made of bile acid salts, cyclodextrin, phospholipids, nonionic surfactants, higher fatty acids, etc. As the vasodilatory compounds, use can be made of calcium channel inhibitors, prostaglandin E1, isosorbide nitrate, nitroglycerin, etc.